

What is Claimed is:

1. An integrated reader device for installation near a controlled access entrance, comprising:
 - a non-metallic mounting frame;
 - a glass insert mounted on an inside edge of the non-metallic frame;
 - a proximity reader mounted to one side of said mounting frame and over the glass insert; and
 - a plurality of LED strips mounted on the inside edge of the non-metallic mounting frame, wherein the integrated reader device is installed on an edge of an opening.
2. The integrated proximity reader device of claim 1, wherein the glass insert further comprises:
 - a first glass section; and
 - a second section, wherein the first and second section are bonded together with an adhesive.
3. The integrated proximity reader device of claim 1, wherein the second glass section further comprises:
 - a step carved on the front edge of the second section, and wherein the mounting frame is attached to the glass insert at the location of the step.
4. The integrated proximity reader device of claim 2, further comprising:
 - a backing attached via an adhesive to the second glass section of the glass insert, and wherein the backing is acrylic.
5. The integrated proximity reader device of claim 1, wherein said LED strips are positioned flat against the edges of the glass insert and centered on the edge of the glass insert.
6. The integrated reader device of claim 1, wherein the LED strips further comprise:

a plurality of individual LEDs placed in separate locations on a PC board strip.

7. The integrated reader device of claim 1, wherein the LED strips are additionally located so as to fit against the edge of the glass panel.

8. A method for forming and installing an integrated reader device that includes a proximity reader, a glass panel and a non-metallic frame, comprising the steps of:

inserting the glass panel into the non-metallic frame, wherein the glass panel is formed by:

attaching a first glass section to a second glass section via an adhesive, and

attaching an acrylic layer to the second glass section;

attaching a plurality LED strips to the non-metallic frame;

forming the integrated proximity reader by attaching the proximity reader to the acrylic layer of the glass panel and to the frame and ; and

installing the integrated proximity reader on the edge of an opening of a predetermined size.

9. The method of claim 8, wherein the step of installing further comprises:

applying an adhesive to a front the non-metallic frame; and

attaching the adhesive covered frame to the edge of the opening.

10. The method of claim 8, wherein the step of forming further comprises:

drilling a hole in a cover of the proximity reader; and

routing wires associated with the LED strips through the hole for electrical connection.

11. The method of claim 8, wherein the step of inserting further comprises:

attaching the non-metallic frame at the carved step in the edge of the second glass panel.

12. The method of claim 8, wherein the installation of the LEDs further comprises:
mounting individual LEDs inside on a PC board.
13. The method of claim 8, wherein the LED strips are attached to the frame so
that lenses of the LEDs lay flat against the edges of the glass panel.
14. The method of claim 8, wherein the adhesive employed to attach the first
glass section to the second glass section is a clear adhesive.
15. The method of claim 8, wherein a portion of said non-metallic frame is milled
and wherein the LED strips are placed in the milled portion of the non-metallic frame
in said attaching step.
16. The method of claim 6, wherein the installation is performed via a rear access
panel.